

FILE 'MEDLINE' ENTERED AT 11:14:28 ON 30 APR 2007

FILE 'BIOSIS' ENTERED AT 11:14:28 ON 30 APR 2007
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=> s activin receptor type II
L1 308 ACTIVIN RECEPTOR TYPE II

=> s GDF 8
L2 104 GDF 8

=> s l1 and l2
L3 0 L1 AND L2

=> s l1 and muscle
L4 21 L1 AND MUSCLE

=> s l4 and dystrophy
L5 0 L4 AND DYSTROPHY

=>

Can # 10/689, 627

AD

S7N

4/30/02

FILE 'CAPLUS' ENTERED AT 11:16:26 ON 30 APR 2007
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FILE COVERS 1907 - 30 Apr 2007 VOL 146 ISS 19
FILE LAST UPDATED: 29 Apr 2007 (20070429/ED)

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=> E WOLFMAN NEIL M/IN 25
E1 3 WOLFMAN KOBY/IN
E2 3 WOLFMAN NEIL/IN
E3 21 --> WOLFMAN NEIL M/IN
E4 3 WOLFMAN NEIL MICHAEL/IN
E5 1 WOLFMAYER HOWARD J/IN
E6 1 WOLFMUELLER KARLHEINZ DIPL ING/IN
E7 1 WOLFNER A W/IN
E8 3 WOLFNER ALFRED S/IN
E9 10 WOLFNER ANDRAS/IN
E10 1 WOLFNER GYULA/IN
E11 1 WOLFNER MARIANA F/IN
E12 1 WOLFNER TARSA/IN
E13 1 WOLFORD C H/IN
E14 2 WOLFORD DON S/IN
E15 1 WOLFORD EDWARD/IN
E16 1 WOLFORD GERALD/IN
E17 7 WOLFORD JAMES/IN
E18 1 WOLFORD JAMES A/IN
E19 2 WOLFORD JAMES B/IN
E20 1 WOLFORD JEFF W/IN
E21 2 WOLFORD L T/IN
E22 19 WOLFORD LIONEL T/IN
E23 1 WOLFORD LIONEL THOMAS/IN
E24 1 WOLFORD ROBERT RUSSELL/IN
E25 1 WOLFORD THOMAS L/IN

=> S (E3) AND (GDF, ACTRIIB, MUSCLE)
21 "WOLFMAN NEIL M"/IN
612 GDF
45 GDFS
635 GDF
(GDF OR GDFS)
94 ACTRIIB
330926 MUSCLE
75795 MUSCLES
347695 MUSCLE
(MUSCLE OR MUSCLES)
0 GDF, ACTRIIB, MUSCLE
(GDF (W) ACTRIIB (W) MUSCLE)

L6 0 ("WOLFMAN NEIL M"/IN) AND (GDF, ACTRIIB, MUSCLE)

=> S (E3) AND (GDF, ACTRIIB)
21 "WOLFMAN NEIL M"/IN
612 GDF
45 GDFS
635 GDF
(GDF OR GDFS)
94 ACTRIIB
0 GDF, ACTRIIB
(GDF (W) ACTRIIB)

L7 0 ("WOLFMAN NEIL M"/IN) AND (GDF, ACTRIIB)

=> S (E3) AND (GDF-8)
21 "WOLFMAN NEIL M"/IN
612 GDF
45 GDFS
635 GDF
(GDF OR GDFS)

2819911 8
103 GDF-8
(GDF (W) 8)

L8 8 ("WOLFMAN NEIL M"/IN) AND (GDF-8)

=> S (E3) AND (GDF-8, ACTIVIN)
21 "WOLFMAN NEIL M"/IN
612 GDF
45 GDFS
635 GDF
(GDF OR GDFS)

2819911 8
4327 ACTIVIN
503 ACTIVINS
4392 ACTIVIN
(ACTIVIN OR ACTIVINS)
1 GDF-8, ACTIVIN
(GDF (W) 8 (W) ACTIVIN)

L9 1 ("WOLFMAN NEIL M"/IN) AND (GDF-8, ACTIVIN)

=> DIS L9 1 TI

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

TI Activin type II receptor extracellular domain fusion with Fc fragment of antibody for inhibiting GDF-8 and uses in treating degenerative disorders of muscle, bone, or glucose homeostasis.

=> DIS L9 1 IBIB IABS

THE ESTIMATED COST FOR THIS REQUEST IS 2.83 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:392568 CAPLUS

DOCUMENT NUMBER: 140:401354

TITLE: Activin type II receptor extracellular domain fusion with Fc fragment of antibody for inhibiting GDF-8 and uses in treating degenerative disorders of muscle, bone, or glucose homeostasis.

INVENTOR(S): Wolfman, Neil M.; Bouxsein, Mary L.

PATENT ASSIGNEE(S): Wyeth, John, and Brother Ltd., USA

SOURCE: PCT Int. Appl., 75 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004039948	A2	20040513	WO 2003-US31516	20031024
WO 2004039948	A3	20060727		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004223966	A1	20041111	US 2003-689677	20031022
CA 2501180	A1	20040513	CA 2003-2501180	20031024
AU 2003279817	A1	20040525	AU 2003-279817	20031024
BR 2003015645	A	20050830	BR 2003-15645	20031024
EP 1572961	A2	20050914	EP 2003-773145	20031024
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2006516886	T	20060713	JP 2004-548352	20031024
PRIORITY APPLN. INFO.:			US 2002-421041P	P 20021025
			WO 2003-US31516	W 20031024

ABSTRACT:

The activin type II receptor ActRIIB extracellular domain is fused with Fc fragment of antibodies. The invention provides protein sequences of human activin type II receptor ActRIIB and GDF-8 (growth differentiation factor-8). The fusion protein inhibits growth and differentiation factor-8 (GDF-8) activity in vitro and in vivo. The methods and composition can be used for diagnosing, preventing, or treating degenerative disorders of muscle, bone, or glucose homeostasis.

=> E BOUXSEIN MARY L/IN 25

E1 1 BOUXIN MAURICE/IN
E2 1 BOUXSEIN MARY/IN
E3 1 --> BOUXSEIN MARY L/IN
E4 20 BOUY PIERRE/IN
E5 1 BOUYASOUNOUSE BERNARD/IN
E6 1 BOUYE JEAN MICHEL/IN
E7 1 BOUYER BERNARD/IN
E8 1 BOUYER CHRISTIAN/IN
E9 2 BOUYER DONALD H/IN
E10 1 BOUYER ETIENNE/IN
E11 1 BOUYER FABRICE/IN
E12 1 BOUYER JEAN MARCEL/IN
E13 1 BOUYER PHILIPPE/IN
E14 1 BOUYETT NOEL/IN
E15 2 BOUYGE JEAN MICHEL/IN
E16 1 BOUGUES ISABELLE/IN
E17 1 BOUGUES JEAN/IN
E18 1 BOUGUES MARTIN/IN
E19 1 BOUYJOU GUY/IN
E20 1 BOUYONNET VINCENT/IN
E21 1 BOYOUCOS GEORGE J/IN
E22 1 BOYOUCOS J/IN
E23 1 BOUYSSARIE FRANCOIS/IN
E24 1 BOUYSSOU MICHEL/IN
E25 30 BOUYSSOU THIERRY/IN

=> S (E3) AND (GDF-8, ACTIVIN)
 1 "BOUXSEIN MARY L"/IN
 612 GDF
 45 GDFS
 635 GDF
 (GDF OR GDFS)
 2819911 8
 4327 ACTIVIN
 503 ACTIVINS
 4392 ACTIVIN
 (ACTIVIN OR ACTIVINS)
 1 GDF-8, ACTIVIN
 (GDF(W) 8(W) ACTIVIN)
 L10 1 ("BOUXSEIN MARY L"/IN) AND (GDF-8, ACTIVIN)

=> DIS L10 1 TI

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004223966	A1	20041111	US 2003-689677	20031022
CA 2501180	A1	20040513	CA 2003-2501180	20031024
AU 2003279817	A1	20040525	AU 2003-279817	20031024
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IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
JP 2006516886 T 20060713 JP 2004-548352 20031024
PRIORITY APPLN. INFO.: US 2002-421041P P 20021025
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WEST Search History

DATE: Monday, April 30, 2007

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
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<input type="checkbox"/>	L8	L7 and py@<2003	22
<input type="checkbox"/>	L7	L6 and muscle	22
<input type="checkbox"/>	L6	L5 and gdf-8	23
<input type="checkbox"/>	L5	activin receptor	433
<input type="checkbox"/>	L4	activin receptor type II B	0
<i>DB=USPT, PGPB; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L3	BOUXSEIN-MARY-L!	2
<input type="checkbox"/>	L2	WOLFMAN-NEIL-M!	31
<input type="checkbox"/>	L1	WOLFMAN-NEIL-M!	31

END OF SEARCH HISTORY

Case # 10/689, 677
WEST
AD
4/30/07